

# Kai-Kit Wong

## List of Publications by Year in descending order

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338  
papers

13,430  
citations

28190

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30848

102  
g-index

340  
all docs

340  
docs citations

340  
times ranked

8113  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey of Physical Layer Security Techniques for 5G Wireless Networks and Challenges Ahead. IEEE Journal on Selected Areas in Communications, 2018, 36, 679-695.	9.7	550
2	User Association in 5G Networks: A Survey and an Outlook. IEEE Communications Surveys and Tutorials, 2016, 18, 1018-1044.	24.8	462
3	UAV-Assisted Emergency Networks in Disasters. IEEE Wireless Communications, 2019, 26, 45-51.	6.6	443
4	Power Scaling of Uplink Massive MIMO Systems With Arbitrary-Rank Channel Means. IEEE Journal on Selected Topics in Signal Processing, 2014, 8, 966-981.	7.3	435
5	Optimal Cooperative Jamming to Enhance Physical Layer Security Using Relays. IEEE Transactions on Signal Processing, 2011, 59, 1317-1322.	3.2	308
6	Bayes-Optimal Joint Channel-and-Data Estimation for Massive MIMO With Low-Precision ADCs. IEEE Transactions on Signal Processing, 2016, 64, 2541-2556.	3.2	290
7	Ergodic Capacity Analysis of Amplify-and-Forward MIMO Dual-Hop Systems. IEEE Transactions on Information Theory, 2010, 56, 2204-2224.	1.5	282
8	Channel Estimation for Massive MIMO Using Gaussian-Mixture Bayesian Learning. IEEE Transactions on Wireless Communications, 2015, 14, 1356-1368.	6.1	245
9	Wireless Powered Cooperation-Assisted Mobile Edge Computing. IEEE Transactions on Wireless Communications, 2018, 17, 2375-2388.	6.1	245
10	MIMO Transmission Through Reconfigurable Intelligent Surface: System Design, Analysis, and Implementation. IEEE Journal on Selected Areas in Communications, 2020, 38, 2683-2699.	9.7	242
11	Generalized Multiuser Orthogonal Space-Division Multiplexing. IEEE Transactions on Wireless Communications, 2004, 3, 1969-1973.	6.1	236
12	Robust Cognitive Beamforming With Bounded Channel Uncertainties. IEEE Transactions on Signal Processing, 2009, 57, 4871-4881.	3.2	235
13	UAV-Assisted Relaying and Edge Computing: Scheduling and Trajectory Optimization. IEEE Transactions on Wireless Communications, 2019, 18, 4738-4752.	6.1	224
14	Adaptive antennas at the mobile and base stations in an OFDM/TDMA system. IEEE Transactions on Communications, 2001, 49, 195-206.	4.9	199
15	Dual-hop systems with noisy relay and interference-limited destination. IEEE Transactions on Communications, 2010, 58, 764-768.	4.9	199
16	Joint Spectrum and Power Allocation for D2D Communications Underlying Cellular Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 2182-2195.	3.9	172
17	Outage Analysis of Decode-and-Forward Cognitive Dual-Hop Systems With the Interference Constraint in Nakagami- $m$ Fading Channels. IEEE Transactions on Vehicular Technology, 2011, 60, 2875-2879.	3.9	171
18	State of the Art, Taxonomy, and Open Issues on Cognitive Radio Networks with NOMA. IEEE Wireless Communications, 2018, 25, 100-108.	6.6	166

#	ARTICLE	IF	CITATIONS
19	On Capacity of Large-Scale MIMO Multiple Access Channels with Distributed Sets of Correlated Antennas. IEEE Journal on Selected Areas in Communications, 2013, 31, 133-148.	9.7	156
20	Energy Efficiency Optimization for NOMA With SWIPT. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 452-466.	7.3	152
21	Collaborative-Relay Beamforming With Perfect CSI: Optimum and Distributed Implementation. IEEE Signal Processing Letters, 2009, 16, 257-260.	2.1	139
22	SWIPT in MISO Multicasting Systems. IEEE Wireless Communications Letters, 2014, 3, 277-280.	3.2	139
23	Ergodic Rate Analysis for Multipair Massive MIMO Two-Way Relay Networks. IEEE Transactions on Wireless Communications, 2015, 14, 1480-1491.	6.1	138
24	Secure Communications in Millimeter Wave Ad Hoc Networks. IEEE Transactions on Wireless Communications, 2017, 16, 3205-3217.	6.1	133
25	Robust beamforming in cognitive radio. IEEE Transactions on Wireless Communications, 2010, 9, 570-576.	6.1	122
26	IRS-Assisted Secure UAV Transmission via Joint Trajectory and Beamforming Design. IEEE Transactions on Communications, 2022, 70, 1140-1152.	4.9	122
27	Programmable metasurface-based RF chain-free 8PSK wireless transmitter. Electronics Letters, 2019, 55, 417-420.	0.5	121
28	Robust Chance-Constrained Secure Transmission for Cognitive Satellite-Terrestrial Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 4208-4219.	3.9	112
29	Performance enhancement of multiuser MIMO wireless communication systems. IEEE Transactions on Communications, 2002, 50, 1960-1970.	4.9	102
30	Robust Collaborative-Relay Beamforming. IEEE Transactions on Signal Processing, 2009, 57, 3130-3143.	3.2	94
31	Energy Efficiency Optimization With SWIPT in MIMO Broadcast Channels for Internet of Things. IEEE Internet of Things Journal, 2018, 5, 2605-2619.	5.5	88
32	A geometric approach to improve spectrum efficiency for cognitive relay networks. IEEE Transactions on Wireless Communications, 2010, 9, 268-281.	6.1	85
33	Cooperative Cognitive Networks: Optimal, Distributed and Low-Complexity Algorithms. IEEE Transactions on Signal Processing, 2013, 61, 2778-2790.	3.2	84
34	Efficient High-Performance Decoding for Overloaded MIMO Antenna Systems. IEEE Transactions on Wireless Communications, 2007, 6, 1833-1843.	6.1	83
35	Masked Beamforming for Multiuser MIMO Wiretap Channels with Imperfect CSI. IEEE Transactions on Wireless Communications, 2012, 11, 544-549.	6.1	83
36	Masked Beamforming in the Presence of Energy-Harvesting Eavesdroppers. IEEE Transactions on Information Forensics and Security, 2015, 10, 40-54.	4.5	82

#	ARTICLE	IF	CITATIONS
37	Massive Access in Cell-Free Massive MIMO-Based Internet of Things: Cloud Computing and Edge Computing Paradigms. IEEE Journal on Selected Areas in Communications, 2021, 39, 756-772.	9.7	81
38	To Harvest and Jam: A Paradigm of Self-Sustaining Friendly Jammers for Secure AF Relaying. IEEE Transactions on Signal Processing, 2015, 63, 6616-6631.	3.2	80
39	Capacity Bounds for MIMO Nakagami- $m$ Fading Channels. IEEE Transactions on Signal Processing, 2009, 57, 3613-3623.	3.2	79
40	Large System Secrecy Rate Analysis for SWIPT MIMO Wiretap Channels. IEEE Transactions on Information Forensics and Security, 2016, 11, 74-85.	4.5	79
41	Robust Secrecy Beamforming With Energy-Harvesting Eavesdroppers. IEEE Wireless Communications Letters, 2015, 4, 10-13.	3.2	77
42	Statistical Eigenmode-Based SDMA for Two-User Downlink. IEEE Transactions on Signal Processing, 2012, 60, 5371-5383.	3.2	72
43	Efficient Downlink Channel Reconstruction for FDD Multi-Antenna Systems. IEEE Transactions on Wireless Communications, 2019, 18, 3161-3176.	6.1	72
44	UAV-Enabled SWIPT in IoT Networks for Emergency Communications. IEEE Wireless Communications, 2020, 27, 140-147.	6.6	69
45	Wireless Powered Cooperative Jamming for Secrecy Multi-AF Relaying Networks. IEEE Transactions on Wireless Communications, 2016, 15, 7971-7984.	6.1	68
46	Learning Rate Optimization for Federated Learning Exploiting Over-the-Air Computation. IEEE Journal on Selected Areas in Communications, 2021, 39, 3742-3756.	9.7	68
47	Constructive Interference Based Secure Precoding: A New Dimension in Physical Layer Security. IEEE Transactions on Information Forensics and Security, 2018, 13, 2256-2268.	4.5	66
48	Detection of pilot contamination attack using random training and massive MIMO. , 2013, , .		65
49	A New Look at Physical Layer Security, Caching, and Wireless Energy Harvesting for Heterogeneous Ultra-Dense Networks. , 2018, 56, 49-55.		65
50	Large System Analysis of Cooperative Multi-Cell Downlink Transmission via Regularized Channel Inversion with Imperfect CSIT. IEEE Transactions on Wireless Communications, 2013, 12, 4801-4813.	6.1	62
51	On the Sum-Rate of Multiuser MIMO Uplink Channels with Jointly-Correlated Rician Fading. IEEE Transactions on Communications, 2011, 59, 2883-2895.	4.9	61
52	Hybrid Evolutionary-Based Sparse Channel Estimation for IRS-Assisted mmWave MIMO Systems. IEEE Transactions on Wireless Communications, 2022, 21, 1586-1601.	6.1	61
53	Transmit Beamforming in Rayleigh Product MIMO Channels: Capacity and Performance Analysis. IEEE Transactions on Signal Processing, 2008, 56, 5204-5221.	3.2	59
54	Wireless-Powered Edge Computing With Cooperative UAV: Task, Time Scheduling and Trajectory Design. IEEE Transactions on Wireless Communications, 2020, 19, 8083-8098.	6.1	59

#	ARTICLE	IF	CITATIONS
55	Multi-Objective Optimization for UAV-Assisted Wireless Powered IoT Networks Based on Extended DDPG Algorithm. IEEE Transactions on Communications, 2021, 69, 6361-6374.	4.9	59
56	Downlink massive distributed antenna systems scheduling. IET Communications, 2015, 9, 1006-1016.	1.5	58
57	Reconfigurable Intelligent Surface Aided Mobile Edge Computing: From Optimization-Based to Location-Only Learning-Based Solutions. IEEE Transactions on Communications, 2021, 69, 3709-3725.	4.9	58
58	Coverage Analysis for Millimeter Wave Cellular Networks With Imperfect Beam Alignment. IEEE Transactions on Vehicular Technology, 2018, 67, 8302-8314.	3.9	55
59	Covert Communication in UAV-Assisted Air-Ground Networks. IEEE Wireless Communications, 2021, 28, 190-197.	6.6	55
60	Massive MIMO-Enabled Full-Duplex Cellular Networks. IEEE Transactions on Communications, 2017, 65, 4734-4750.	4.9	53
61	Distributed Multicell Beamforming Design Approaching Pareto Boundary with Max-Min Fairness. IEEE Transactions on Wireless Communications, 2012, , 1-13.	6.1	52
62	Joint Antenna Selection and Spatial Switching for Energy Efficient MIMO SWIPT System. IEEE Transactions on Wireless Communications, 2017, 16, 4754-4769.	6.1	52
63	Joint 3D Trajectory Design and Time Allocation for UAV-Enabled Wireless Power Transfer Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 9265-9278.	3.9	52
64	Weighted Sum Secrecy Rate Maximization Using Intelligent Reflecting Surface. IEEE Transactions on Communications, 2021, 69, 6170-6184.	4.9	52
65	Massive MIMO in Spectrum Sharing Networks: Achievable Rate and Power Efficiency. IEEE Systems Journal, 2017, 11, 20-31.	2.9	51
66	Secure Two-Way Transmission via Wireless-Powered Untrusted Relay and External Jammer. IEEE Transactions on Vehicular Technology, 2018, 67, 8451-8465.	3.9	51
67	Minimum Throughput Maximization for Multi-UAV Enabled WPCN: A Deep Reinforcement Learning Method. IEEE Access, 2020, 8, 9124-9132.	2.6	51
68	Maximizing the Sum-Rate and Minimizing the Sum-Power of a Broadcast 2-User 2-Input Multiple-Output Antenna System Using a Generalized Zeroforcing Approach. IEEE Transactions on Wireless Communications, 2006, 5, 3406-3412.	6.1	50
69	Asymptotic Analysis of Spatially Correlated MIMO Multiple-Access Channels With Arbitrary Signaling Inputs for Joint and Separate Decoding. IEEE Transactions on Information Theory, 2007, 53, 252-268.	1.5	50
70	Outage Performance for Decode-and-Forward Two-Way Relay Network with Multiple Interferers and Noisy Relay. IEEE Transactions on Communications, 2013, 61, 521-531.	4.9	50
71	A Closed-Form Power Allocation for Minimizing Secrecy Outage Probability for MISO Wiretap Channels via Masked Beamforming. IEEE Communications Letters, 2012, 16, 1496-1499.	2.5	49
72	Relay Selection and Discrete Power Control for Cognitive Relay Networks via Potential Game. IEEE Transactions on Signal Processing, 2014, 62, 5411-5424.	3.2	49

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73	Wireless Power Transfer in Massive MIMO-Aided HetNets With User Association. IEEE Transactions on Communications, 2016, 64, 4181-4195.	4.9	49
74	Spectral and Energy Efficiency of Uplink D2D Underlaid Massive MIMO Cellular Networks. IEEE Transactions on Communications, 2017, 65, 3780-3793.	4.9	49
75	Near-optimal power allocation for MIMO channels with mean or covariance feedback. IEEE Transactions on Communications, 2010, 58, 289-300.	4.9	47
76	Outage Probability of Amplify-and-Forward Two-Way Relay Interference-Limited Systems. IEEE Transactions on Vehicular Technology, 2012, 61, 3038-3049.	3.9	47
77	Improved Constant Envelope Multiuser Precoding for Massive MIMO Systems. IEEE Communications Letters, 2014, 18, 1311-1314.	2.5	47
78	Stochastic Geometry Analysis of Large Intelligent Surface-Assisted Millimeter Wave Networks. IEEE Journal on Selected Areas in Communications, 2020, 38, 1749-1762.	9.7	47
79	Hybrid Beamforming Design and Resource Allocation for UAV-Aided Wireless-Powered Mobile Edge Computing Networks With NOMA. IEEE Journal on Selected Areas in Communications, 2021, 39, 3271-3286.	9.7	47
80	Fluid Antenna Systems. IEEE Transactions on Wireless Communications, 2021, 20, 1950-1962.	6.1	47
81	Probabilistically Robust SWIPT for Secrecy MISOME Systems. IEEE Transactions on Information Forensics and Security, 2017, 12, 211-226.	4.5	46
82	Energy Efficiency Optimization for CoMP-SWIPT Heterogeneous Networks. IEEE Transactions on Communications, 2018, 66, 6368-6383.	4.9	45
83	Edge and Central Cloud Computing: A Perfect Pairing for High Energy Efficiency and Low-Latency. IEEE Transactions on Wireless Communications, 2020, 19, 1070-1083.	6.1	45
84	Transfer Learning and Meta Learning-Based Fast Downlink Beamforming Adaptation. IEEE Transactions on Wireless Communications, 2021, 20, 1742-1755.	6.1	45
85	Energy Minimization in D2D-Assisted Cache-Enabled Internet of Things: A Deep Reinforcement Learning Approach. IEEE Transactions on Industrial Informatics, 2020, 16, 5412-5423.	7.2	44
86	Joint 3D Trajectory and Power Optimization for UAV-Aided mmWave MIMO-NOMA Networks. IEEE Transactions on Communications, 2021, 69, 2346-2358.	4.9	44
87	Joint Resource Allocation for Device-to-Device Communications Underlying Uplink MIMO Cellular Networks. IEEE Journal on Selected Areas in Communications, 2015, 33, 41-54.	9.7	43
88	Location Identification of Power Line Outages Using PMU Measurements With Bad Data. IEEE Transactions on Power Systems, 2016, 31, 3624-3635.	4.6	43
89	Multi-Agent Reinforcement Learning-Based Buffer-Aided Relay Selection in IRS-Assisted Secure Cooperative Networks. IEEE Transactions on Information Forensics and Security, 2021, 16, 4101-4112.	4.5	43
90	Spectrum and Energy Efficiency in Massive MIMO Enabled HetNets: A Stochastic Geometry Approach. IEEE Communications Letters, 2015, 19, 2294-2297.	2.5	42

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91	Optimizing Cache Placement for Heterogeneous Small Cell Networks. IEEE Communications Letters, 2017, 21, 120-123.	2.5	42
92	Optimizing time and space MIMO antenna system for frequency selective fading channels. IEEE Journal on Selected Areas in Communications, 2001, 19, 1395-1407.	9.7	41
93	Statistical Eigenmode Transmission for the MU-MIMO Downlink in Rician Fading. IEEE Transactions on Wireless Communications, 2015, 14, 6650-6663.	6.1	41
94	Secrecy and Energy Efficiency in Massive MIMO Aided Heterogeneous C-RAN: A New Look at Interference. IEEE Journal on Selected Topics in Signal Processing, 2016, 10, 1375-1389.	7.3	41
95	Wireless Powered Dense Cellular Networks: How Many Small Cells Do We Need?. IEEE Journal on Selected Areas in Communications, 2017, 35, 2010-2024.	9.7	41
96	A Low-Cost Fluid Switch for Frequency-Reconfigurable Vivaldi Antenna. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 3151-3154.	2.4	41
97	DFT-Based Hybrid Beamforming Multiuser Systems: Rate Analysis and Beam Selection. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 514-528.	7.3	41
98	Green Communication for NOMA-Based CRAN. IEEE Internet of Things Journal, 2019, 6, 666-678.	5.5	41
99	Secrecy Performance Analysis for TAS-MRC System With Imperfect Feedback. IEEE Transactions on Information Forensics and Security, 2015, 10, 1617-1629.	4.5	40
100	Coding, Multicast, and Cooperation for Cache- Enabled Heterogeneous Small Cell Networks. IEEE Transactions on Wireless Communications, 2017, 16, 6838-6853.	6.1	40
101	Robust Power-Splitting SWIPT Beamforming for Broadcast Channels. IEEE Communications Letters, 2016, 20, 181-184.	2.5	39
102	NOMA-based UAV-aided networks for emergency communications. China Communications, 2020, 17, 54-66.	2.0	39
103	Content Placement in Cache-Enabled Sub-6 GHz and Millimeter-Wave Multi-Antenna Dense Small Cell Networks. IEEE Transactions on Wireless Communications, 2018, 17, 2843-2856.	6.1	38
104	Resource Allocation for Enhancing Offloading Security in NOMA-Enabled MEC Networks. IEEE Systems Journal, 2021, 15, 3789-3792.	2.9	38
105	Meta-Reinforcement Learning Based Resource Allocation for Dynamic V2X Communications. IEEE Transactions on Vehicular Technology, 2021, 70, 8964-8977.	3.9	37
106	Energy-Efficient Hybrid Beamforming for Multilayer RIS-Assisted Secure Integrated Terrestrial-Aerial Networks. IEEE Transactions on Communications, 2022, 70, 4189-4210.	4.9	37
107	Safeguarding massive MIMO aided hetnets using physical layer security. , 2015, , .		36
108	Fluid Antenna Multiple Access. IEEE Transactions on Wireless Communications, 2022, 21, 4801-4815.	6.1	35

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109	A Lightweight Secure and Resilient Transmission Scheme for the Internet of Things in the Presence of a Hostile Jammer. IEEE Internet of Things Journal, 2021, 8, 4373-4388.	5.5	34
110	Robust Design for Intelligent Reflecting Surface-Assisted Secrecy SWIPT Network. IEEE Transactions on Wireless Communications, 2022, 21, 4133-4149.	6.1	34
111	FDD Massive MIMO Based on Efficient Downlink Channel Reconstruction. IEEE Transactions on Communications, 2019, 67, 4020-4034.	4.9	33
112	Blockchain-Empowered Decentralized Storage in Air-to-Ground Industrial Networks. IEEE Transactions on Industrial Informatics, 2019, 15, 3593-3601.	7.2	32
113	Performance Limits of Fluid Antenna Systems. IEEE Communications Letters, 2020, 24, 2469-2472.	2.5	32
114	Optimizing DF Cognitive Radio Networks With Full-Duplex-Enabled Energy Access Points. IEEE Transactions on Wireless Communications, 2017, 16, 4683-4697.	6.1	31
115	Secure SWIPT by Exploiting Constructive Interference and Artificial Noise. IEEE Transactions on Communications, 2019, 67, 1326-1340.	4.9	31
116	Decoupling or Learning: Joint Power Splitting and Allocation in MC-NOMA With SWIPT. IEEE Transactions on Communications, 2020, 68, 5834-5848.	4.9	31
117	Array Gain and Diversity Order of Multiuser MISO Antenna Systems. International Journal of Wireless Information Networks, 2008, 15, 82-89.	1.8	30
118	Optimal Power Allocation by Imperfect Hardware Analysis in Untrusted Relaying Networks. IEEE Transactions on Wireless Communications, 2018, 17, 4302-4314.	6.1	30
119	On Hybrid Overlay“Underlay Dynamic Spectrum Access: Double-Threshold Energy Detection and Markov Model. IEEE Transactions on Vehicular Technology, 2013, 62, 4078-4083.	3.9	29
120	Low-Complexity Precoding Design for Massive Multiuser MIMO Systems Using Approximate Message Passing. IEEE Transactions on Vehicular Technology, 2016, 65, 5707-5714.	3.9	29
121	Wireless Information and Power Transfer Design for Energy Cooperation Distributed Antenna Systems. IEEE Access, 2017, 5, 8094-8105.	2.6	29
122	Energy-Efficient Heterogeneous Cellular Networks With Spectrum Underlay and Overlay Access. IEEE Transactions on Vehicular Technology, 2018, 67, 2439-2453.	3.9	29
123	Low-Cost 3D-Printed Coupling-Fed Frequency Agile Fluidic Monopole Antenna System. IEEE Access, 2019, 7, 95058-95064.	2.6	29
124	RIS-Assisted Robust Hybrid Beamforming Against Simultaneous Jamming and Eavesdropping Attacks. IEEE Transactions on Wireless Communications, 2022, 21, 9212-9231.	6.1	29
125	Analysis of Pilot-Assisted Channel Estimators for OFDM Systems With Transmit Diversity. IEEE Transactions on Broadcasting, 2006, 52, 193-202.	2.5	28
126	Thinking Out of the Blocks: Holochain for Distributed Security in IoT Healthcare. IEEE Access, 2022, 10, 37064-37081.	2.6	28



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127	User-Centric Networking for Dense C-RANs: High-SNR Capacity Analysis and Antenna Selection. IEEE Transactions on Communications, 2017, 65, 5067-5080.	4.9	27
128	Secrecy Energy Efficiency in Wireless Powered Heterogeneous Networks: A Distributed ADMM Approach. IEEE Access, 2018, 6, 20609-20624.	2.6	27
129	Optimization for Maximizing Sum Secrecy Rate in SWIPT-Enabled NOMA Systems. IEEE Access, 2018, 6, 43440-43449.	2.6	27
130	Multi-Objective Optimization for Spectrum and Energy Efficiency Tradeoff in IRS-Assisted CRNs With NOMA. IEEE Transactions on Wireless Communications, 2022, 21, 6627-6642.	6.1	27
131	Throughput Maximization in Linear Multiuser MIMO OFDM Downlink Systems. IEEE Transactions on Vehicular Technology, 2008, 57, 1993-1998.	3.9	26
132	A Deterministic Equivalent for the Analysis of Non-Gaussian Correlated MIMO Multiple Access Channels. IEEE Transactions on Information Theory, 2013, 59, 329-352.	1.5	26
133	Self-Interference in Full-Duplex Multi-User MIMO Channels. IEEE Communications Letters, 2017, 21, 841-844.	2.5	25
134	Federated-Learning-Based Client Scheduling for Low-Latency Wireless Communications. IEEE Wireless Communications, 2021, 28, 32-38.	6.6	25
135	Distribution of the Demmel Condition Number of Wishart Matrices. IEEE Transactions on Communications, 2011, 59, 1309-1320.	4.9	24
136	Millimeter Wave Power Transfer and Information Transmission. , 2015, , .		24
137	Edge Caching in Dense Heterogeneous Cellular Networks With Massive MIMO-Aided Self-Backhaul. IEEE Transactions on Wireless Communications, 2018, 17, 6360-6372.	6.1	24
138	FFDNet-Based Channel Estimation for Massive MIMO Visible Light Communication Systems. IEEE Wireless Communications Letters, 2020, 9, 340-343.	3.2	24
139	Minimax robust jamming techniques based on signal-to-interference-plus-noise ratio and mutual information criteria. IET Communications, 2014, 8, 1859-1867.	1.5	23
140	Bruce Lee-Inspired Fluid Antenna System: Six Research Topics and the Potentials for 6G. Frontiers in Communications and Networks, 2022, 3, .	1.9	23
141	MIMO Evolution Beyond 5G Through Reconfigurable Intelligent Surfaces and Fluid Antenna Systems. Proceedings of the IEEE, 2022, 110, 1244-1265.	16.4	23
142	Power Allocation Strategies for Distributed Space-Time Codes in Two-Way Relay Networks. IEEE Transactions on Signal Processing, 2010, 58, 5331-5339.	3.2	22
143	Ergodic Mutual Information Analysis for Multi-Keyhole MIMO Channels. IEEE Transactions on Wireless Communications, 2011, 10, 1754-1763.	6.1	22
144	Robust Peer-to-Peer Collaborative-Relay Beamforming with Ellipsoidal CSI Uncertainties. IEEE Communications Letters, 2012, 16, 442-445.	2.5	22

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145	Design, Modeling, and Performance Analysis of Multi-Antenna Heterogeneous Cellular Networks. IEEE Transactions on Communications, 2016, 64, 3104-3118.	4.9	22
146	Truth-Telling Mechanism for Two-Way Relay Selection for Secrecy Communications With Energy-Harvesting Revenue. IEEE Transactions on Wireless Communications, 2017, 16, 3111-3123.	6.1	22
147	Closed-form expressions for spatial correlation parameters for performance analysis of fluid antenna systems. Electronics Letters, 2022, 58, 454-457.	0.5	22
148	Zero-forcing beamforming in massive MIMO systems with time-shifted pilots. , 2014, , .		21
149	Performance of Rayleigh-Product MIMO Channels with Linear Receivers. IEEE Transactions on Wireless Communications, 2014, 13, 2270-2281.	6.1	21
150	Multi-Cell Interference Exploitation: Enhancing the Power Efficiency in Cell Coordination. IEEE Transactions on Wireless Communications, 2020, 19, 547-562.	6.1	21
151	MIMO rayleigh-product channels with co-channel interference. IEEE Transactions on Communications, 2009, 57, 1824-1835.	4.9	20
152	Outage probability of device-to-device communication assisted by one-way amplify-and-forward relaying. IET Communications, 2015, 9, 271-282.	1.5	20
153	Adaptive Aggregate Transmission for Device-to-Multi-Device Aided Cooperative NOMA Networks. IEEE Journal on Selected Areas in Communications, 2022, 40, 1355-1370.	9.7	20
154	Near-Optimal Joint Antenna Selection for Amplify-and-Forward Relay Networks. IEEE Transactions on Wireless Communications, 2010, 9, 2401-2407.	6.1	19
155	Performance Analysis of Cache-Enabled Millimeter Wave Small Cell Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 6695-6699.	3.9	19
156	Full-Duplex Cloud Radio Access Network: Stochastic Design and Analysis. IEEE Transactions on Wireless Communications, 2018, 17, 7190-7207.	6.1	19
157	Full-Duplex Amplify-and-Forward Relay Selection in Cooperative Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 6142-6146.	3.9	19
158	Ergodic Rate Analysis and IRS Configuration for Multi-IRS Dual-Hop DF Relaying Systems. IEEE Communications Letters, 2021, 25, 3224-3228.	2.5	19
159	Multiple UAV-Borne IRS-Aided Millimeter Wave Multicast Communications: A Joint Optimization Framework. IEEE Communications Letters, 2021, 25, 3674-3678.	2.5	19
160	Energy-Efficiency Optimization for D2D Communications Underlying UAV-Assisted Industrial IoT Networks With SWIPT. IEEE Internet of Things Journal, 2023, 10, 1990-2002.	5.5	19
161	Port Selection for Fluid Antenna Systems. IEEE Communications Letters, 2022, 26, 1180-1184.	2.5	19
162	Performance Analysis of Single and Multiuser MIMO Diversity Channels Using Nakagami- $m$ Distribution. IEEE Transactions on Wireless Communications, 2004, 3, 1043-1047.	6.1	18

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163	Spatially Correlated MIMO Multiple-Access Systems With Macrodiversity: Asymptotic Analysis Via Statistical Physics. IEEE Transactions on Communications, 2007, 55, 477-488.	4.9	18
164	Secrecy-Rate Balancing for Two-User MISO Interference Channels. IEEE Wireless Communications Letters, 2014, 3, 6-9.	3.2	18
165	On the capacity of non-uniform phase MIMO nakagami-m fading channels. IEEE Communications Letters, 2010, 14, 536-538.	2.5	17
166	Capacity of MIMO-MAC with transmit channel knowledge in the low SNR regime. IEEE Transactions on Wireless Communications, 2010, 9, 926-931.	6.1	17
167	Joint Beamforming and Power Optimization for D2D Underlying Cellular Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 8324-8335.	3.9	17
168	Transmitter Optimization and Beamforming Optimality Conditions for Double-Scattering MIMO Channels. IEEE Transactions on Wireless Communications, 2008, 7, 3647-3654.	6.1	16
169	Low-SNR Capacity of Multiple-Antenna Systems With Statistical Channel-State Information. IEEE Transactions on Vehicular Technology, 2010, 59, 2874-2884.	3.9	16
170	Low SNR Capacity for MIMO Rician and Rayleigh-Product Fading Channels with Single Co-channel Interferer and Noise. IEEE Transactions on Communications, 2010, 58, 2549-2560.	4.9	16
171	On the Sum-Rate of Uplink MIMO Cellular Systems with Amplify-and-Forward Relaying and Collaborative Base Stations. IEEE Journal on Selected Areas in Communications, 2010, 28, 1409-1424.	9.7	16
172	Optimizing Transmitter-Receiver Collaborative-Relay Beamforming with Perfect CSI. IEEE Communications Letters, 2011, 15, 314-316.	2.5	16
173	Sum Rate and Fairness Analysis for the MU-MIMO Downlink Under PSK Signalling: Interference Suppression vs Exploitation. IEEE Transactions on Communications, 2019, 67, 6085-6098.	4.9	16
174	Robust Localization for Mixed LOS/NLOS Environments With Anchor Uncertainties. IEEE Transactions on Communications, 2020, 68, 4507-4521.	4.9	16
175	Joint Altitude and Hybrid Beamspace Precoding Optimization for UAV-Enabled Multiuser mmWave MIMO System. IEEE Transactions on Vehicular Technology, 2022, 71, 1713-1725.	3.9	16
176	Message Passing Algorithm for Distributed Downlink Regularized Zero-Forcing Beamforming with Cooperative Base Stations. IEEE Transactions on Wireless Communications, 2014, 13, 2920-2930.	6.1	15
177	User association in massive MIMO and mmWave enabled HetNets powered by renewable energy. , 2016, , .		15
178	Stochastic Geometric Analysis of Energy-Efficient Dense Cellular Networks. IEEE Access, 2017, 5, 455-469.	2.6	15
179	Asymmetric Physical Layer Encryption for Wireless Communications. IEEE Access, 2019, 7, 46959-46967.	2.6	15
180	The Future of Wireless?. Electronics Letters, 2019, 55, 360-361.	0.5	15

#	ARTICLE	IF	CITATIONS
181	Unary Coding Controlled Simultaneous Wireless Information and Power Transfer. IEEE Transactions on Wireless Communications, 2020, 19, 637-649.	6.1	15
182	Fluid Antenna System for 6G: When Bruce Lee Inspires Wireless Communications. Electronics Letters, 2020, 56, 1288-1290.	0.5	15
183	Performance Analysis of Optimal Single Stream Beamforming in MIMO Dual-Hop AF Systems. IEEE Journal on Selected Areas in Communications, 2012, 30, 1415-1427.	9.7	14
184	Robust Coordinated Beamforming for Secure MISO Interference Channels with Bounded Ellipsoidal Uncertainties. IEEE Wireless Communications Letters, 2013, 2, 407-410.	3.2	14
185	Capacity Analysis of Interference Alignment With Bounded CSI Uncertainty. IEEE Wireless Communications Letters, 2014, 3, 505-508.	3.2	14
186	On the Performance of Multiuser MIMO Systems Relying on Full-Duplex CSI Acquisition. IEEE Transactions on Communications, 2018, , 1-1.	4.9	14
187	Cognitive Radio Made Practical: Forward-Lookingness and Calculated Competition. IEEE Access, 2019, 7, 2529-2548.	2.6	14
188	A Vision to Smart Radio Environment: Surface Wave Communication Superhighways. IEEE Wireless Communications, 2021, 28, 112-119.	6.6	14
189	Using simple relays to improve physical-layer security. , 2012, , .		13
190	A Low Complexity Pilot Scheduling Algorithm for Massive MIMO. IEEE Wireless Communications Letters, 2016, , 1-1.	3.2	13
191	5G Wireless with Cognitive Radio and Massive IoT. IETE Technical Review (Institution of Electronics) Tj ETQq1 1 0.784314 rgBT/Overlaid	2.1	13
192	Secure Full-Duplex Two-Way Relaying for SWIPT. IEEE Wireless Communications Letters, 2018, 7, 336-339.	3.2	13
193	Deep Learning Enabled Optimization of Downlink Beamforming Under Per-Antenna Power Constraints: Algorithms and Experimental Demonstration. IEEE Transactions on Wireless Communications, 2020, 19, 3738-3752.	6.1	13
194	Secure Localization and Velocity Estimation in Mobile IoT Networks With Malicious Attacks. IEEE Internet of Things Journal, 2021, 8, 6878-6892.	5.5	13
195	Offset Learning Based Channel Estimation for Intelligent Reflecting Surface-Assisted Indoor Communication. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 41-55.	7.3	13
196	On the Diagonal Distribution of a Complex Wishart Matrix and its Application to the Analysis of MIMO Systems. IEEE Transactions on Communications, 2011, 59, 3475-3484.	4.9	12
197	Joint CHANNEL-AND-dATA estimation for large-MIMO systems with low-precision ADCs. , 2015, , .		12
198	Wireless information and power transfer in full-duplex communication systems. , 2016, , .		12

#	ARTICLE	IF	CITATIONS
199	The Distributed MIMO Scenario: Can Ideal ADCs Be Replaced by Low-Resolution ADCs?. IEEE Wireless Communications Letters, 2017, 6, 470-473.	3.2	12
200	Signal Separation and Tracking Algorithm for Multi-Person Vital Signs by Using Doppler Radar. IEEE Transactions on Biomedical Circuits and Systems, 2020, 14, 1346-1361.	2.7	12
201	Beam-steering Surface Wave Fluid Antennas for MIMO Applications. , 2020, , .		12
202	Resource Allocation for Secure SWIPT-Enabled D2D Communications With $\alpha$ Fairness. IEEE Transactions on Vehicular Technology, 2022, 71, 1101-1106.	3.9	12
203	Cell-Free IoT Networks With SWIPT: Performance Analysis and Power Control. IEEE Internet of Things Journal, 2022, 9, 13780-13793.	5.5	12
204	Massive Unsourced Random Access: Exploiting Angular Domain Sparsity. IEEE Transactions on Communications, 2022, 70, 2480-2498.	4.9	12
205	Optimizing the Power Allocation for Rayleigh Block-Fading Channels with Outage Capacity Constraints. IEEE Transactions on Wireless Communications, 2007, 6, 3163-3169.	6.1	11
206	A Stochastic Optimization Approach for Joint Relay Assignment and Power Allocation in Orthogonal Amplify-and-Forward Cooperative Wireless Networks. IEEE Transactions on Wireless Communications, 2011, 10, 4091-4099.	6.1	11
207	HEVA: cooperative localization using a combined non-parametric belief propagation and variational message passing approach. Journal of Communications and Networks, 2016, 18, 397-410.	1.8	11
208	On Sparse Vector Recovery Performance in Structurally Orthogonal Matrices via LASSO. IEEE Transactions on Signal Processing, 2016, 64, 4519-4533.	3.2	11
209	Full-Duplex Small-Cell Networks: A Physical-Layer Security Perspective. IEEE Transactions on Communications, 2018, 66, 3006-3021.	4.9	11
210	A Data-Aided Channel Estimation Scheme for Decoupled Systems in Heterogeneous Networks. IEEE Transactions on Wireless Communications, 2018, 17, 4987-5000.	6.1	11
211	Antenna Allocation and Pricing in Virtualized Massive MIMO Networks via Stackelberg Game. IEEE Transactions on Communications, 2018, 66, 5220-5234.	4.9	11
212	Spectrum and Energy Efficiency in Dynamic UAV-Powered Millimeter Wave Networks. IEEE Communications Letters, 2020, 24, 2290-2294.	2.5	11
213	Channel Estimation of IRS-Aided Communication Systems with Hybrid Multiobjective Optimization. , 2021, , .		11
214	Robust Design for RIS-Assisted Anti-Jamming Communications With Imperfect Angular Information: A Game-Theoretic Perspective. IEEE Transactions on Vehicular Technology, 2022, 71, 7967-7972.	3.9	11
215	Achievable Rates for Lattice Coded Gaussian Wiretap Channels. , 2011, , .		10
216	On scheduling for massive distributed MIMO downlink. , 2013, , .		10

#	ARTICLE	IF	CITATIONS
217	QoS-based multicast beamforming for SWIPT. , 2014, , .		10
218	Massive MIMO in K-Tier Heterogeneous Cellular Networks: Coverage and Rate. , 2015, , .		10
219	Physical Layer Security in Large-Scale Millimeter Wave Ad Hoc Networks. , 2016, , .		10
220	Geometric Power Control for Time-Switching Energy-Harvesting Two-User Interference Channel. IEEE Transactions on Vehicular Technology, 2016, 65, 9759-9772.	3.9	10
221	Efficient direction of arrival estimation based on sparse covariance fitting criterion with modeling mismatch. Signal Processing, 2017, 137, 264-273.	2.1	10
222	Robust Physical Layer Security for Power Domain Non-Orthogonal Multiple Access-Based HetNets and HUDNs: SIC Avoidance at Eavesdroppers. IEEE Access, 2019, 7, 107879-107896.	2.6	10
223	Task and Bandwidth Allocation for UAV-Assisted Mobile Edge Computing with Trajectory Design. , 2019, , .		10
224	Joint Deployment and Resource Management for VLC-Enabled RISs-Assisted UAV Networks. IEEE Transactions on Wireless Communications, 2023, 22, 746-760.	6.1	10
225	Environment Sensing Considering the Occlusion Effect: A Multi-View Approach. IEEE Transactions on Signal Processing, 2022, 70, 3598-3615.	3.2	10
226	Quality of service-aware coordinated dynamic spectrum access: prioritized Markov model and call admission control. Wireless Communications and Mobile Computing, 2013, 13, 510-524.	0.8	9
227	Two-way beamforming optimization for full-duplex SWIPT systems. , 2016, , .		9
228	Optimal harvest-use-store design for delay-constrained energy harvesting wireless communications. Journal of Communications and Networks, 2016, 18, 902-912.	1.8	9
229	Receive Spatial Modulation Aided Simultaneous Wireless Information and Power Transfer With Finite Alphabet. IEEE Transactions on Wireless Communications, 2020, 19, 8039-8053.	6.1	9
230	Trajectory Planning of UAV in Wireless Powered IoT System Based on Deep Reinforcement Learning. , 2020, , .		9
231	Outage performances for device-to-device communication assisted by two-way amplify-and-forward relay protocol. , 2014, , .		8
232	Max-min energy based robust secure beamforming for SWIPT. , 2015, , .		8
233	Uplink Interference Management in Massive MIMO Enabled Heterogeneous Cellular Networks. IEEE Wireless Communications Letters, 2016, 5, 560-563.	3.2	8
234	Constructive interference based secure precoding. , 2017, , .		8

#	ARTICLE	IF	CITATIONS
235	Learning to Optimize Energy Efficiency in Energy Harvesting Wireless Sensor Networks. IEEE Wireless Communications Letters, 2021, 10, 1153-1157.	3.2	8
236	Near-Optimal Power Allocation and Multiuser Scheduling with Outage Capacity Constraints Exploiting Only Channel Statistics. IEEE Transactions on Wireless Communications, 2008, 7, 812-818.	6.1	7
237	Robust beamforming in the MISO downlink with quadratic channel estimation and optimal training. IEEE Transactions on Wireless Communications, 2009, 8, 1067-1072.	6.1	7
238	Asymptotic Mutual Information for Rician MIMO-MA Channels with Arbitrary Inputs: A Replica Analysis. IEEE Transactions on Communications, 2010, 58, 2782-2788.	4.9	7
239	Closed-form analysis of multibranch switched diversity with noncoherent and differentially coherent detection. International Journal of Communication Systems, 2013, 26, 127-137.	1.6	7
240	Design and Analysis of Full-Duplex Massive MIMO Cellular Networks. , 2016, , .		7
241	A Reinforcement Learning-Based User-Assisted Caching Strategy for Dynamic Content Library in Small Cell Networks. IEEE Transactions on Communications, 2020, 68, 3627-3639.	4.9	7
242	Embedding Model-Based Fast Meta Learning for Downlink Beamforming Adaptation. IEEE Transactions on Wireless Communications, 2022, 21, 149-162.	6.1	7
243	Delay-Limited Computation Offloading for MEC-Assisted Mobile Blockchain Networks. IEEE Transactions on Communications, 2021, 69, 8569-8584.	4.9	7
244	Physical-Layer Security of Uplink mmWave Transmissions in Cellular V2X Networks. IEEE Transactions on Wireless Communications, 2022, 21, 9818-9833.	6.1	7
245	Communication with causal CSI and controlled information outage. IEEE Transactions on Wireless Communications, 2009, 8, 2221-2229.	6.1	6
246	Performance analysis of protograph low-density parity-check codes for Nakagami fading relay channels. IET Communications, 2013, 7, 1133-1139.	1.5	6
247	Informed Scheduling by Stochastic Residual Belief Propagation in Distributed Wireless Networks. IEEE Wireless Communications Letters, 2015, 4, 90-93.	3.2	6
248	Coverage probability of cellular networks using interference alignment under imperfect CSI. Digital Communications and Networks, 2016, 2, 162-166.	2.7	6
249	Large System Analysis of Downlink MISO-NOMA System via Regularized Zero-Forcing Precoding With Imperfect CSIT. IEEE Communications Letters, 2020, 24, 2454-2458.	2.5	6
250	Unary Coding Design for Simultaneous Wireless Information and Power Transfer With Practical M-QAM. IEEE Transactions on Wireless Communications, 2021, 20, 2850-2862.	6.1	6
251	A Deep Learning-Based Approach to Resource Allocation in UAV-aided Wireless Powered MEC Networks. , 2021, , .		6
252	Physical Layer Security in Large-Scale Random Multiple Access Wireless Sensor Networks: A Stochastic Geometry Approach. IEEE Transactions on Communications, 2022, 70, 4038-4051.	4.9	6

#	ARTICLE	IF	CITATIONS
253	Stochastic power allocation using causal channel information for delay-limited communications. IEEE Communications Letters, 2006, 10, 748-750.	2.5	5
254	Outage performance for interference-limited decode-and-forward two-way relaying networks. , 2012, , .		5
255	Performance of joint channel and physical network coding based on Alamouti STBC. , 2013, , .		5
256	Guest Editorial: Virtual MIMO. IEEE Journal on Selected Areas in Communications, 2013, 31, 1977-1980.	9.7	5
257	Rate analysis and pilot reuse design for dense small cell networks. , 2015, , .		5
258	Throughput and Energy Efficiency for S-FFR in Massive MIMO Enabled Heterogeneous C-RAN. , 2016, , .		5
259	Capacity Distribution for Interference Alignment With CSI Errors and Its Applications. IEEE Transactions on Wireless Communications, 2016, 15, 676-685.	6.1	5
260	Energy coverage in wireless powered sub-6 GHz and millimeter wave dense cellular networks. , 2017, , .		5
261	SWIPT in MISO full-duplex systems. Journal of Communications and Networks, 2017, 19, 470-480.	1.8	5
262	Robust AN-Aided Secure Beamforming and Power Splitting in Wireless-Powered AF Relay Networks. IEEE Systems Journal, 2018, , 1-4.	2.9	5
263	Wireless-Powered Mobile Edge Computing with Cooperated UAV. , 2019, , .		5
264	CNN-based CSI acquisition for FDD massive MIMO with noisy feedback. Electronics Letters, 2019, 55, 963-965.	0.5	5
265	Truly Distributed Multicell Multi-Band Multiuser MIMO by Synergizing Game Theory and Deep Learning. IEEE Access, 2021, 9, 30347-30358.	2.6	5
266	Learning to Construct Nested Polar Codes: An Attention-Based Set-to-Element Model. IEEE Communications Letters, 2021, 25, 3898-3902.	2.5	5
267	Achievable Regions and Precoder Designs for the Multiple Access Wiretap Channels With Confidential and Open Messages. IEEE Journal on Selected Areas in Communications, 2022, 40, 1407-1427.	9.7	5
268	User cooperation for IRS-aided secure MIMO systems. Intelligent and Converged Networks, 2022, 3, 86-102.	3.2	5
269	Multiagent Collaborative Learning for UAV Enabled Wireless Networks. IEEE Journal on Selected Areas in Communications, 2022, 40, 2630-2642.	9.7	5
270	Power minimization of central wishart MIMO block-fading channels. IEEE Transactions on Communications, 2009, 57, 899-905.	4.9	4



#	ARTICLE	IF	CITATIONS
271	Dual-turbo receiver architecture for turbo coded MIMO-OFDM systems. Science China Information Sciences, 2012, 55, 384-395.	2.7	4
272	Adaptive joint maximum-likelihood detection and minimum-mean-square error with successive interference canceler over spatially correlated multiple-input multiple-output channels. Wireless Communications and Mobile Computing, 2013, 13, 1192-1204.	0.8	4
273	Robust Secrecy Beamforming for MIMO SWIPT with Probabilistic Constraints. , 2016, , .		4
274	SE and EE of Uplink D2D Underlaid Massive MIMO Cellular Networks with Power Control. , 2017, , .		4
275	Full-duplex versus half-duplex large scale antenna system. , 2017, , .		4
276	Performance Analysis of AF Relaying With Selection Combining in Nakagami- $m$ Fading. IEEE Systems Journal, 2019, 13, 2375-2385.	2.9	4
277	MIMO Radar Adaptive Waveform Design for Extended Target Recognition. International Journal of Distributed Sensor Networks, 2015, 11, 154931.	1.3	4
278	Reconfigurable Intelligent Surface Based Orbital Angular Momentum: Architecture, Opportunities, and Challenges. IEEE Wireless Communications, 2021, 28, 132-137.	6.6	4
279	Intelligent Reflecting Surface Aided Wireless Power Transfer With a DC-Combining Based Energy Receiver and Practical Waveforms. IEEE Transactions on Vehicular Technology, 2022, 71, 9751-9764.	3.9	4
280	Robust Design for STAR-RIS Secured Internet of Medical Things. , 2022, , .		4
281	Robust Analytical ZF Optimization for MISO IFC. IEEE Wireless Communications Letters, 2013, 2, 451-454.	3.2	3
282	On impact of relay placement for energy-efficient cooperative networks. IET Communications, 2014, 8, 140-151.	1.5	3
283	Interference mitigation scheme by antenna selection in device-to-device communication underlying cellular networks. Journal of Communications and Networks, 2016, 18, 429-438.	1.8	3
284	Secure Full-Duplex Device-to-Device Communication. , 2017, , .		3
285	Physical layer security in full-duplex cellular networks. , 2017, , .		3
286	Energy-Efficient Resource Allocation in SWIPT Enabled NOMA Systems. , 2018, , .		3
287	Optimization of Uplink CSI Training for Full-Duplex Multiuser MIMO Systems. IEEE Communications Letters, 2019, 23, 2325-2329.	2.5	3
288	Drone Mobile Networks: Performance Analysis Under 3D Tractable Mobility Models. IEEE Access, 2021, 9, 90555-90567.	2.6	3

#	ARTICLE	IF	CITATIONS
289	Removing Channel Estimation by Location-Only Based Deep Learning for RIS Aided Mobile Edge Computing. , 2021, , .		3
290	Feasibility conditions of linear multiuser MIMO systems in the asymptotic regime. IEEE Communications Letters, 2007, 11, 979-981.	2.5	2
291	Physical layer security for a 3-receiver broadcast channel. , 2009, , .		2
292	Outage Performance for Two-Way Relay Channel with Co-Channel Interference. , 2011, , .		2
293	Performance analysis of a new topology of distributed antenna systems. , 2012, , .		2
294	Transmission mode switching for two-user downlink systems. , 2012, , .		2
295	Pareto-optimal power allocation of device-to-device communication with two-way decode-and-forward helping relay. , 2013, , .		2
296	On the Design of Irregular HetNets with Flow-Level Traffic Dynamics. , 2016, , .		2
297	Joint source and relay optimization for interference MIMO relay networks. Eurasip Journal on Advances in Signal Processing, 2017, 2017, 24.	1.0	2
298	Multi-pair massive MIMO relay networks: power scaling laws and user scheduling strategy. IET Communications, 2017, 11, 1619-1625.	1.5	2
299	Coverage Analysis for Millimeter Wave Cellular Networks with Beam Alignment Errors. , 2017, , .		2
300	Power Minimization for Cooperative Wireless Powered Mobile Edge Computing Systems. , 2018, , .		2
301	Subspace methods for self-calibration of ULAs with unknown mutual coupling: A false-peak analysis. Signal Processing, 2020, 174, 107626.	2.1	2
302	Ultra Dense Edge Caching Networks With Arbitrary User Spatial Density. IEEE Transactions on Wireless Communications, 2020, 19, 4363-4377.	6.1	2
303	On the Secrecy Performance of Interference Exploitation With PSK: A Non-Gaussian Signaling Analysis. IEEE Transactions on Wireless Communications, 2021, 20, 7100-7117.	6.1	2
304	Maximum achievable rate for AF TWRC with optimal power allocation. , 2010, , .		1
305	On the ergodic capacity of jointly-correlated rician Fading MIMO channels. , 2011, , .		1
306	Statistical eigenmode SDMA transmission for a two-user downlink. , 2012, , .		1

#	ARTICLE	IF	CITATIONS
307	Adaptive Cooperation Switching for Multicell Downlink Using Statistical CSI. IEICE Transactions on Communications, 2012, E95-B, 663-667.	0.4	1
308	Asymptotic Performance of Two-User Interference Channels Using Coordinated Zero-Forcing. IEEE Communications Letters, 2012, 16, 608-611.	2.5	1
309	Interference-mitigation based antenna selection scheme in device-to-device communication underlying cellular networks. , 2014, , .		1
310	Massive MIMO in K-Tier Heterogeneous Cellular Networks: Coverage and Rate. , 2014, , .		1
311	Millimeter Wave Power Transfer and Information Transmission. , 2014, , .		1
312	Simultaneous information and power transfer in MISO interference systems. , 2015, , .		1
313	Evolution of capacity lower bound of interference alignment with least-square channel estimation. , 2015, , .		1
314	Low-latency near-capacity MIMO detection using parallel and hybrid QRD-MCMC algorithm. , 2015, , .		1
315	MDS Coded Cooperative Caching for Heterogeneous Small Cell Networks. , 2017, , .		1
316	Performance Analysis and Optimization of Cache-Enabled Small Cell Networks. , 2017, , .		1
317	Sensitivity and Asymptotic Analysis of Inter-Cell Interference Against Pricing for Multi-Antenna Base Stations. IEEE Transactions on Communications, 2018, 66, 1758-1771.	4.9	1
318	Guest Editorial Physical Layer Security for 5G Wireless Networks, Part II. IEEE Journal on Selected Areas in Communications, 2018, 36, 1363-1366.	9.7	1
319	Guest Editorial Physical Layer Security for 5G Wireless Networks, Part I. IEEE Journal on Selected Areas in Communications, 2018, 36, 675-678.	9.7	1
320	The Synergy of Edge and Central Cloud Computing with Wireless MIMO Backhaul. , 2019, , .		1
321	Editorial A Message From the New Editor-in-Chief. IEEE Wireless Communications Letters, 2020, 9, 1-1.	3.2	1
322	System-Level Performance Analysis in 3D Drone Mobile Networks. Lecture Notes of the Institute of Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 311-322.	0.2	1
323	Cross-Layer Optimization for Industrial Internet of Things in NOMA-Based C-RANs. IEEE Internet of Things Journal, 2022, 9, 16962-16975.	5.5	1
324	Energy Efficiency Optimization for PSOAM Mode-Groups Based MIMO-NOMA Systems. IEEE Transactions on Communications, 2022, 70, 5679-5692.	4.9	1

#	ARTICLE	IF	CITATIONS
325	Self-optimized MIMO-OFDMA: A Nash-Stackelberg game-theoretic approach. , 2011, , .		0
326	On asymptotic capacity of coordinated multi-point MIMO channels with spatial correlation and LOS. , 2012, , .		0
327	SER and SINR analysis of optimum combining in Rayleigh-product fading channels. , 2012, , .		0
328	On antenna selection for D2D communication underlying cellular networks. , 2015, , .		0
329	Admission Control for Machine-to-Machine Communications with Traffic Load Cooperation. Wireless Personal Communications, 2015, 84, 3127-3142.	1.8	0
330	Coupling-fed frequency agile monopole fluid antenna. , 2016, , .		0
331	Self-Interference Distribution over Full-Duplex Multi-User MIMO Channels. , 2017, , .		0
332	Joint power and admission control for multi-pair massive MIMO AF relaying system. , 2017, , .		0
333	Full-Duplex MIMO Small-Cells: Secrecy Capacity Analysis. , 2018, , .		0
334	Full-Duplex Enabled Cloud Radio Access Network. , 2018, , .		0
335	Robust Interference Exploitation for Multi-Cell Transmission. , 2020, , .		0
336	On LOS Contribution to Ultra-Dense Network. IEEE Access, 2020, 8, 100288-100297.	2.6	0
337	Energy Efficient Resource Allocation forUCA-Based OAM-MIMO System. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 189-200.	0.2	0
338	Exemplary Reviewers 2021. IEEE Wireless Communications Letters, 2022, 11, 667-667.	3.2	0